

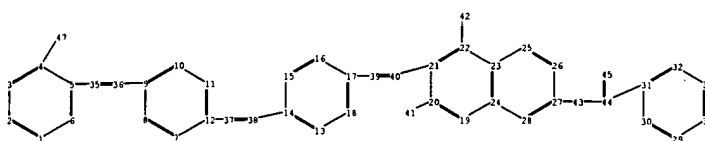
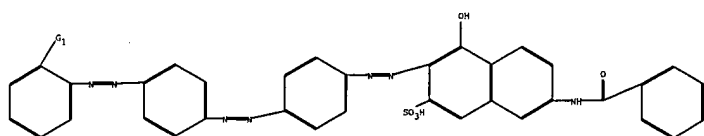
## WEST Search History

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DATE: Saturday, December 08, 2007

**Hide? Set Name Query****Hit Count***DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=ADJ*☐ L4 us-5318856-\$.did. or us-6790490-\$.did. or jp-03078703-\$.did. or 20070166483 8*DB=USPT,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=ADJ*☐ L3 us-5318856-\$.did. or us-6790490-\$.did. or jp-03078703-\$.did. 6☐ L2 jp-03078703-\$.did. or jp-2002105348-\$.did. or jp-11218610-\$.did. or jp-10259311-\$.did. 8

END OF SEARCH HISTORY



chain nodes :

35 36 37 38 39 40 41 42 43 44 45 47

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28  
29 30 31 32 33 34

chain bonds :

4-47 5-35 9-36 12-37 14-38 17-39 20-41 21-40 22-42 27-43 31-44 35-36 37-38 39-40 43-44  
44-45

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15 15-16 16-17  
17-18 19-20 19-24 20-21 21-22 22-23 23-24 23-25 24-28 25-26 26-27 27-28 29-30 29-34  
30-31 31-32 32-33 33-34

exact/norm bonds :

4-47 5-35 9-36 12-37 14-38 17-39 21-40 22-42 27-43 35-36 37-38 39-40 43-44 44-45

exact bonds :

20-41 31-44

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18 14-15 15-16 16-17  
17-18 19-20 19-24 20-21 21-22 22-23 23-24 23-25 24-28 25-26 26-27 27-28 29-30 29-34  
30-31 31-32 32-33 33-34

G1:C,O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom  
13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom  
24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom  
35:CLASS36:CLASS37:CLASS38:CLASS39:CLASS40:CLASS41:CLASS42:CLASS43:CLASS44:CLASS  
45:CLASS47:CLASS

L4 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2005:823777 CAPLUS  
 DN 143:231358  
 TI Azo compounds for polarizing films and polarizing plates with good polarizing performance and durability, and reduced in color leakage in visible light region  
 IN Sadamitsu, Yuichi  
 PA Nippon Kayaku Kabushiki Kaisha, Japan; Polatechno Co., Ltd.  
 SO PCT Int. Appl., 29 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005075572	A1	20050818	WO 2005-JP1412	20050201
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2553415	A1	20050818	CA 2005-2553415	20050201
EP 1712595	A1	20061018	EP 2005-709558	20050201
R: DE, FR, GB, NL				
CN 1914283	A	20070214	CN 2005-80004049	20050201
US 2007166483	A1	20070719	US 2006-587674	20060727
KR 2007024469	A	20070302	KR 2006-715545	20060801
PRAI JP 2004-27942	A	20040204		
WO 2005-JP1412	W	20050201		

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2002:397866 CAPLUS  
 DN 136:393066  
 TI Trisazo compound (salt) as dichroic dye and dye-doped optical polarizer film  
 IN Ota, Yoshiteru; Hayashi, Shigetoshi  
 PA Sumitomo Chemical Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002155218	A	20020528	JP 2000-357358	20001124
PRAI JP 2000-357358		20001124		
OS MARPAT 136:393066				

L4 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
 AN 2002:265019 CAPLUS  
 DN 136:296155  
 TI Trisazo dyes for use in polarizing films with good light fastness  
 IN Ota, Yoshiteru; Hayashi, Shigetoshi  
 PA Sumitomo Chemical Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF

DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 2002105348	A	20020410	JP 2000-303254	20001003
PRAI	JP 2000-303254		20001003		
OS	MARPAT 136:296155				

L4 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 1994:437628 CAPLUS  
DN 121:37628  
TI Azo compounds and water-soluble dyes and light-polarizing films containing the same and manufacture thereof  
IN Misawa, Tsutayoshi; Ogiso, Akira; Imai, Rihoko; Ito, Naoto  
PA Mitsui Toatsu Chemicals, Japan  
SO Jpn. Kokai Tokkyo Koho, 10 pp.  
CODEN: JKXXAF

DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 05295282	A	19931109	JP 1992-107012	19920424
PRAI	JP 1992-107012		19920424		
OS	MARPAT 121:37628				

L4 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 1987:578030 CAPLUS  
DN 107:178030  
TI Trisazo compounds  
IN Hibara, Toshio  
PA Mitsubishi Chemical Industries Co., Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 10 pp.  
CODEN: JKXXAF

DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 62081457	A	19870414	JP 1985-220913	19851003
	JP 05088739	B	19931224		
PRAI	JP 1985-220913		19851003		
OS	CASREACT 107:178030				

L4 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 1949:3752 CAPLUS  
DN 43:3752  
OREF 43:860i,861a-d  
TI Green tetrakisazo dyes  
IN Sparks, Chiles E.; Libby, James W., Jr.; Trepagnier, Joseph H.  
PA E. I. du Pont de Nemours & Co.

DT Patent  
LA Unavailable  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 2448158		19480831	US 1945-571362	19450104